

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **62092132 A**

(43) Date of publication of application: **27 . 04 . 87**

(51) Int. Cl

G11B 5/845

B05D 1/36

B05D 3/14

B05D 5/12

B05D 7/00

B05D 7/24

(21) Application number: **60231097**

(22) Date of filing: **18 . 10 . 85**

(71) Applicant: **FUJI PHOTO FILM CO LTD**

(72) Inventor: **KOMATSU KAZUNORI
CHIKAMASA YUTAKA
SATO TSUNEHICO**

(54) **MANUFACTURE OF MAGNETIC RECORDING
MEDIUM**

formed on the nonmagnetic base 2.

COPYRIGHT: (C)1987,JPO&Japio

(57) Abstract:

PURPOSE: To obtain a magnetic recording medium with high characteristic by providing a nonmagnetic under coating layer together with a magnetic layer by simultaneous overlapping coating so as to exert a magnetic field during uncuring state in providing a thin layer magnetic coating layer to a nonmagnetic base.

CONSTITUTION: A long strip nonmagnetic base 2 wound on a supply roll 1 is carried continuously in the direction of arrow A and an under layer coating liquid 3 and a magnetic liquid 4 are coated overlappingly to the surface of the nonmagnetic base 2 by a coating device 8 to form an uncured 2-layer structure. Magnetic particles in the magnetic layer in the uncured 2-layer layered on the nonmagnetic base 2 are oriented or randomized in the nonmagnetic base carrying direction while the particles pass through a device 5 in the uncured state. Then when the base passes through a drier 6, the uncured 2-layer coating film is dried and solidified and the magnetic recording sheet is formed, where the double magnetic recording layer including the magnetic particle layer is

